

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/33855

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B05B7/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 98/32539 A (DOUGLAS, MALCOLM F. ET AL) 30 July 1998 (1998-07-30) cited in the application</p> <p>page 13, line 1 – page 17, line 25; figures 10,15-18</p> <p>-----</p> <p style="text-align: center;">-/--</p>	<p>1,2,6, 13,15, 17-19, 21-25, 30-32, 34,36, 37,40, 42-44, 46,47</p>

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
16 March 2004	26/03/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Innecken, A

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PCT/US 03/33855

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/085533 A (DOUGLAS, MALCOLM F. ET AL) 31 October 2002 (2002-10-31) page 20, line 14 - page 21, line 25; figures 8-10	1,2,6, 13,15, 17-19, 21-26, 30,32, 40, 42-44, 46,47
X	EP 0 987 060 A (CAMILLERI, MICHEL) 22 March 2000 (2000-03-22) column 3, line 1 - column 4, line 52; figures	1,2,13, 15-18, 21-23, 30,40, 42,44, 46,47
X	FR 2 798 868 A (INJELEC SA) 30 March 2001 (2001-03-30) page 6, line 1 - page 8, line 23; figures 1,3	1,2,6, 17-19, 21-23, 40,42, 44,46,47
X	US 3 674 074 A (LAVIS, WALTER J.) 4 July 1972 (1972-07-04) column 1, lines 38-46; figure 2	1,2,6, 13,15, 17, 21-23, 40,42, 44,46,47

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 03/33855

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 9832539	A 30-07-1998	CA CN EP JP PL WO	2277096 A1 1244141 T 0954381 A1 2001508698 T 334754 A1 9832539 A1	30-07-1998 09-02-2000 10-11-1999 03-07-2001 13-03-2000 30-07-1998
WO 02085533	A 31-10-2002	CA EP WO	2445183 A1 1385632 A1 02085533 A1	31-10-2002 04-02-2004 31-10-2002
EP 0987060	A 22-03-2000	FR EP	2783440 A1 0987060 A1	24-03-2000 22-03-2000
FR 2798868	A 30-03-2001	FR	2798868 A1	30-03-2001
US 3674074	A 04-07-1972	NONE		